Datasheet

HP ProDesk 405 G2 Microtower PC

Meet the demands of everyday business with the AMD powered HP ProDesk 405 G2 MT. Configure your ProDesk with the performance and security tools you need to help grow your business.

HP recommends Windows.

Windows 8.1[1]
2 TB Hard Disk Drive[11]

Expandability options.

Don't limit your business. The HP ProDesk 405 G2 MT can be upgraded and expanded as your needs change and purchased with optional bundled displays.[2]

Functional design.

The HP ProDesk 405 G2 MT provides easy access to components in the tool-less chassis and connections for support of up to three displays[3] to support your business.

Pure value, pure performance.

Experience the difference of AMD APUs[4] with stunning graphic and video capabilities along with powerful processing to enhance productivity.

Safeguard data and devices.

Help keep sensitive data secure with rock solid security features like HP Client Security[5] and HP BIOS Protection,[6] as well as the embedded TPM 1.2.

Features

The AMD Radeon™ Dual Graphics[7] option on the HP ProDesk 405 provides outstanding visual experiences on HP displays.[7]
Guard your data, device and identity with HP Client Security.[4]
HP BIOS Protection's[6] automated recovery restores a copy of the BIOS from a partition on the hard drive if crisis strikes.
With TPM 1.2 your critical data has protection with hardware-based encryption keys.
Rest easy with a ProDesk that endures 115,000 hours of testing to help ensure reliability in the most demanding work environments.

See more of your work with support for up to three independent displays and optional DisplayPort with multi-stream.[3]
Rest easy and work confidently with dependable support options including a parts/labor/on-site limited warranty[8] and parts availability for up to 5 years.
Optional HP Care Pack with Accidental Damage Protection helps you avoid out-of-pocket repair or replacement costs and delivers service right to your door.[9]
Relax. You're backed by expert support when you extend and expand beyond your standard limited warranty with optional HP Care Packs.[9]
Easily share your internet connection with devices or colleagues to get productive fast.[10]

Datasheet

HP ProDesk 405 G2 Microtower PC

HP recommends Windows.

Form Factor	Microtower
Operating System	Windows 8.1 Pro 64[1] Windows 8.1 64[1] Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro)[2] FreeDOS
Processor Family	AMD A8-Series APU; AMD A4-Series APU; AMD E1-Series APU
Processor	AMD A8-6410 APU with AMD Radeon HD 8400 (2.4 GHz, 2 MB cache, 4 cores); AMD A4-6250 APU with AMD Radeon HD 8330 Graphics (2 GHz, 2 MB cache, 4 cores); AMD E1-6050 APU with AMD Radeon HD 8240 Graphics (2 GHz, 1 MB cache, 2 cores)[3]
Memory	Up to 16 GB 1600 MHz DDR3 SDRAM[4] Memory slots: 2 DIMM
Storage	Internal drive bays Two 3.5" External drive bays 1 SD reader; 1 slim ODD up to 128 GB, SATA SE SSD[5] 500 GB, up to 1 TB, SATA (7200 rpm)[5]
Removable Media	Slim SATA SuperMulti DVD writer; Slim SATA Blu-ray BDXL writer[6,7]
Graphics	Integrated Intel HD Graphics; Integrated Intel HD Graphics 4400; Integrated Intel HD Graphics 4600; AMD Radeon HD 8490 (1 GB)[9,15] Integrated graphics will depend on processor
Audio	DTS Sound+ audio management technology, HD audio with Realtek ALC221 codec (all ports are stereo), microphone and headphone front ports (3.5 mm), line out rear port (3.5 mm), multi-streaming capable, internal speaker
Communications	Integrated Realtek RTL8151GH-CB GbE; Intel Ethernet I210-T1 PCIe GbE (optional); Intel Wireless-N 7260 802.11a/b/g/n (optional)[8]
Expansion Slots	3 full-height PCIe (x1); 1 full-height PCIe x16
Ports and Connectors	2 USB 3.0; 4 USB 2.0; 2 PS/2 (keyboard and mouse); 1 VGA; 1 DisplayPort; 1 microphone; 1 headphone; 1 audio line in; 1 audio line out; 1 RJ-45; 1 serial; 1 serial (optional); 1 parallel (optional)
Input Device	HP USB Keyboard; HP USB Value Keyboard[10] HP USB Mouse; HP USB Optical Mouse
Security	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Serial, parallel, USB enable/disable (via BIOS); USB port disable at factory (optional); Removable media write/boot control; Power-on password (via BIOS); Administrator password (via BIOS); Support for chassis padlocks and cable lock devices
Software	HP business PCs are shipped with a variety of software titles including HP Client Security, HP Drive Encryption, HP Password Manager, Microsoft Security Essentials, CyberLink Power DVD BD, HP ePrint Driver, HP PageLift, Box 50 GB Offer, Foxit PhantomPDF Express. Please refer to this product's quick spec document for a full list of preinstalled software[12,13,14]
Dimensions	16.5 x 35.88 x 35.5 cm
Weight	5.8 kg Configured with 1 HDD & 1 ODD. Weight will vary by configuration.
Operating Humidity Range	10 to 90% RH
Operating Temperature Range	10 to 35°C
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available Low halogen
Power	180 W standard efficiency, active PC; 180 W, up to 85% efficient, active PFC
Warranty	1-year (1-1-1) limited warranty and service offering includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

HP ProDesk 405 G2 Microtower PC

HP recommends Windows.

Accessories and services (not included)

HP 8-GB PC3-12800 (DDR3-1600 MHz) DIMM Memory

Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.
Product number: B4U37AA

HP Slim BDXL Blu-Ray Drive

Quickly and easily back up your data and create and edit professional-quality HD video content with the HP Slim Blu-ray BDXL SATA Drive and integrated CyberLink Media Suite. Enjoy read-write capabilities with CDs, DVDs, and Blu-ray discs.
Product number: E0X94AA

Intel Pro 1500 180GB SATA SED Opal1 Solid State Drive

Accelerate business storage with the solid performance, enhanced security, and remote management capabilities of the Intel Pro 1500 180 GB SATA SED Opal 1 Solid State Drive.[1]
Product number: G4M04AA

HP USB Keyboard for PC

The new HP USB Keyboard features an impressively durable design built for ease of use and everyday business computing.
Product number: QY776AA

HP USB Optical Scroll Mouse

Utilizing the latest optical sensing technology, the HP USB Optical Scroll Mouse records precise motion over a variety of surfaces without a mouse pad.
Product number: QY777AA

3-year Next Business Day Onsite

Care Pack

Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely
Product number: U6578E

Learn more at
www.hp.eu/hpoptions

HP ProDesk 405 G2 Microtower PC

HP recommends Windows.

Footnotes

[1] Not all features are available in all editions of Windows 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8.1 functionality. See http://www.microsoft.com.; [2] Sold separately or as an optional feature.; [3] Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular PC platform/form factor; the actual number of displays supported will vary. An optional discrete graphics solution will be required for the support of additional displays. Additional cables required.; [4] This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system and a dual-core processor will vary. AMD's model numbering is not a measurement of clock speed.; [5] Requires Windows.; [6] HP tools partition with HP BIOS required for automatic recovery.; [7] AMD Radeon™ Dual Graphics requires an AMD "A" series APU plus optional AMD Radeon™ discrete graphics configuration and is available on Windows 7 or Windows 8 systems. Linux OS supports manual switching which requires restart of X-Server to engage and/or disengage the discrete graphics processor for dual graphics capabilities. Additional hardware (e.g. Blu-ray drive, HD or 10-bit monitor, TV tuner, wirelessly enabled HDTV) and/or software (e.g. multimedia applications) are required for the full enablement of some features. HD Video display requires an HD video source.; [8] Support will vary by region.; [9] HP Care Packs are optional. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.; [10] The wireless hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your plan for details.; [11] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB of system disk (for Windows 8.1) is reserved for system recovery software.

Technical specifications disclaimers

[1] Not all features are available in all editions of Windows 8.1. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8.1 functionality. See http://www.microsoft.com.; [2] This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 8.1 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.; [3] This system requires a 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system will vary.; [4] Graphics chipset uses part of the total system memory (RAM) for graphics performance. System memory dedicated to graphics performance is not available for other use by other programs.; [5] For hard drives and solid state drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and 30 GB (for Windows 8.1) of system disk is reserved for the system recovery software.; [6] Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.; [7] With Blu-Ray drive XL, certain disc, digital connection, compatibility and performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require an HDCP path and HDCP display. HD-DVD movies cannot be played on this BDXL Drive.; [8] Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.; [9] HD content required to view HD images.; [10] Optional or add-on feature.; [11] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.; [12] Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.; [13] Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter).Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.; [14] Requires Box registration. Offer available to new Box users only. Box App requires Windows 8 or 8.1. Offer subject to change without notice.; [15] AMD and NVIDIA discrete graphics sold separately or as an optional feature.

Learn more at
www.hp.eu/desktops

Get engaged with HP Financial Services
Get engaged with HP Financial Services to implement innovative technologies essential for driving business value and competitive differentiation. More information on www.hp.com/go/hpfs.

Sign up for updates
www.hp.com/go/getupdated

The product could differ from the images shown. © 2014 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. Specific features may vary from model to model. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Not all features are available in all editions of Windows 8.1. Systems may require upgraded and/or separately purchased hardware to take full advantage of Windows 8.1 functionality. See http://www.microsoft.com/windows for details. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. ENERGY STAR is a registered mark owned by the U.S. government. Bluetooth is a trademark of its proprietor and used by Hewlett-Packard Company under license. All other trademarks are the property of their respective owners.

4AA5-2759EEE, June 2014